CLAIMS

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1. (Previously Presented) A foam article comprising a thermoplastic elastomer and having a complete submersion water absorption of less than 35 percent and a density of between 0.30 grams/cubic centimeter and 0.70 grams/cubic centimeter,

the foam article being free of an auxiliary layer formed on a surface of the foam article that limits water absorption.

- 2-5. (Cancelled)
- 6. (Previously Presented) The foam article of claim 1, wherein the complete submersion water absorption is less than about 20 percent.
- 7. (Previously Presented) The foam article of claim 1, wherein the complete submersion water absorption is less than about 5 percent.
- 8. (Original) The foam article of claim 1, wherein the foam density is between about 0.35 grams/cubic centimeter and about 0.60 grams/cubic centimeter.
- 9. (Previously Presented) The foam article of claim 8, wherein the complete submersion water absorption is less than about 20 percent.
- 10. (Original) The foam article of claim 8, wherein the complete submersion water absorption is less than about 5 percent.
- 11. (Original) The foam article of claim 1, wherein the foam density is between about 0.40 grams/cubic centimeter and about 0.50 grams/cubic centimeter.

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- 12. (Previously Presented) The foam article of claim 11, wherein the complete submersion water absorption is less than about 20 percent.
- 13. (Original) The foam article of claim 12, wherein the complete submersion water absorption is less than about 5 percent.
- (Original) The foam article of claim 1, wherein the foam article is a microcellular material. 14.
- 15. (Original) The foam article of claim 1, wherein the foam article has an average cell size less than about 100 microns.
- 16. (Original) The foam article of claim 1, wherein the foam article has an average cell size less than about 80 microns.
- 17. (Original) The foam article of claim 1, wherein the thermoplastic elastomer is a thermoplastic vulcanizate.
- 18. (Original) The foam article of claim 1, wherein the foam article is essentially free of residual chemical blowing agents or by-product of chemical blowing agent.
- 19. (Original) The foam article of claim 1, wherein the foam article is a gasket, a seal or a weatherstrip.
- 20. (Cancelled)
- (Previously Presented) The foam article of claim 1, wherein the foam article is free of a co-21. extruded coating layer formed on a surface of the foam article that limits water absorption.

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- 22. (Previously Presented) The foam article of claim 1, wherein the foam article is free of a hydrophobic coating layer formed on a surface of the foam article that limits water absorption.
- 23. (Original) The article of claim 1, wherein the foam article is substantially free of an acrylic modified PTFE.
- 24. (Original) The article of claim 1, wherein the foam article has a U-test water absorption of less than or equal to 0.5%.

25-75. (Cancelled)

- 76. (Previously Presented) A foam article comprising a thermoplastic elastomer, having a U-test water absorption of less than or equal to 0.5%, having a density of between 0.30 grams/cubic centimeter and 0.70 grams/cubic centimeter, and being free of an auxiliary layer formed on a surface of the foam article that limits water absorption.
- 77. (Original) The foam article of claim 76, wherein the U-test water absorption is less than or equal to 0.3%.
- 78. (Original) The foam article of claim 76, wherein the U-test water absorption is less than or equal to 0.1%.
- 79. (Original) The foam article of claim 76, wherein the U-test water absorption is less than or equal to 0.05%.
- 80. (Original) The foam article of claim 76, wherein the foam article has an average cell size less than about 100 microns.

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- 81. (Original) The foam article of claim 76, wherein the foam article has an average cell size less than about 80 microns.
- 82. (Original) The foam article of claim 76, wherein the thermoplastic elastomer is a thermoplastic vulcanizate.
- 83. (Original) The foam article of claim 82, wherein the thermoplastic vulcanizate comprises polypropylene and fully cross-linked EPDM.
- 84. (Original) The foam article of claim 76, wherein the foam article is essentially free of residual chemical blowing agents or by-product of chemical blowing agent.
- 85. (Original) The foam article of claim 76, wherein the foam article is a gasket, a seal or a weatherstrip.
- 86. (Original) The foam article of claim 76, wherein the foam article is free of a co-extruded coating layer formed on a surface of the foam article that limits water absorption.
- 87. (Original) The foam article of claim 76, wherein the foam article is free of a hydrophobic coating layer formed on a surface of the foam article that limits water absorption.
- 88. (Original) The foam article of claim 76, wherein the foam article is substantially free of an acrylic modified PTFE.
- 89. (Original) The foam article of claim 76, wherein the thermoplastic elastomer has a durometer of less than 60 Shore A.
- 90. (Original) The foam article of claim 76, wherein the thermoplastic elastomer has a durometer of less than 45 Shore A.

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91. (Previously Presented) The foam article of claim 76, wherein the foam article has a complete submersion water absorption of less than 35 percent.

92-109. (Cancelled)

- 110. (Previously Presented) The foam article of claim 1, wherein the foam article is substantially free of a melt strength enhancing additive comprising fluorine.
- 111. (Previously Presented) The foam article of claim 1, wherein the foam article is substantially free of a melt strength enhancing additive having a different polymer type than the first polymer type.
- 112. (Previously Presented) The foam article of claim 76, wherein the foam article is substantially free of a melt strength enhancing additive comprising fluorine.
- 113. (Previously Presented) The foam article of claim 76, wherein the foam article is substantially free of a melt strength enhancing additive comprising a different polymer type than the first polymer type.